

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER

04340-PCT-PA

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/516406

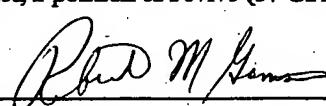
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/CA03/00820	06 June 2003	06 June 2002
TITLE OF INVENTION		
DETECTION OF EPIGENETIC ABNORMALITIES AND DIAGNOSTIC METHOD BASED THEREON		
APPLICANT(S) FOR DO/EO/US		
Arturas Petronis		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A preliminary amendment.
14. An Application Data Sheet under 37 CFR 1.76.
15. A substitute specification.
16. A power of attorney and/or change of address letter.
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. Other items or information:

U.S. APPLICATION NO. (If known, see 37 CFR 1.492(e))	INTERNATIONAL APPLICATION NO. PCT/US03/00820	ATTORNEY'S DOCKET NUMBER 04340-PCT-PA																					
21. <input checked="" type="checkbox"/> The following fees are submitted:		CALCULATIONS PTO USE ONLY																					
BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO. \$1110.00 \$1080.00																							
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$920.00																							
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$770.00																							
International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$730.00																							
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00																							
ENTER APPROPRIATE BASIC FEE AMOUNT =																							
\$ 1,110.00																							
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). \$																							
<table border="1" style="width: 100%;"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> <th>\$</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>24 - 20 =</td> <td>4</td> <td>x \$18.00</td> <td>\$ 72.00</td> </tr> <tr> <td>Independent claims</td> <td>9 - 3 =</td> <td>6</td> <td>x \$86.00</td> <td>\$ 528.00</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td></td> <td>+ \$290.00</td> <td>\$ </td> </tr> </tbody> </table>				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	Total claims	24 - 20 =	4	x \$18.00	\$ 72.00	Independent claims	9 - 3 =	6	x \$86.00	\$ 528.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	\$
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$																			
Total claims	24 - 20 =	4	x \$18.00	\$ 72.00																			
Independent claims	9 - 3 =	6	x \$86.00	\$ 528.00																			
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	\$																			
TOTAL OF ABOVE CALCULATIONS =																							
\$ 1,710.00																							
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. SUBTOTAL = \$ 1,710.00																							
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). \$																							
TOTAL NATIONAL FEE =																							
\$ 1,710.00																							
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$																							
TOTAL FEES ENCLOSED =																							
\$ 1,710.00																							
<table border="1" style="width: 100%;"> <tr> <td rowspan="2"></td> <td>Amount to be refunded:</td> <td>\$ </td> </tr> <tr> <td>charged:</td> <td>\$ </td> </tr> </table>					Amount to be refunded:	\$	charged:	\$															
	Amount to be refunded:	\$																					
	charged:	\$																					
a. <input checked="" type="checkbox"/> A check in the amount of \$ 1,710.00 to cover the above fees is enclosed.																							
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.																							
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2839. A duplicate copy of this sheet is enclosed.																							
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.																							
SEND ALL CORRESPONDENCE TO: ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP Intellectual Property Law Offices 502 Washington Avenue, Suite 220 Towson, MD 21204		 SIGNATURE Robert M. Gamson NAME 32,986 REGISTRATION NUMBER																					

10/516406

Rec'd PCT/PTO 01 DEC 2004

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EV453246783US

Commissioner for Patents
Box PCT
P.O. Box 1450
Alexandria, VA 22313-1450

Re: Our Docket No. 04340-PCT-PA

Dear Sir:

**THIS NEW PATENT APPLICATION IS BEING FILED BY EXPRESS MAIL,
TODAY, AND IS ENTITLED TO HAVE TODAY'S DATE ON THE OFFICIAL FILING
RECEIPT.**

Enclosed please find the following:

1. Form PTO-1390
2. Declaration duly executed.

CERTIFICATE OF TRANSMITTAL

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: Dec ember 1, 2004
Express Mail Label No. EV453246783US

By: Carolyn M. Bates

ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP

Commissioner for Patents

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December 1, 2004

3. Our check No. 01781 in the amount of \$1,710.00 to cover the filing fee.
4. Our post card. (Please date stamp and return.)

The inventor is:

Arturas Petronis
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Toronto, Ontario
CANADA
Citizenship: Canada

Please address all correspondence to:

ARMSTRONG, KRATZ, QUINTOS,
HANSON & BROOKS, LLP
Intellectual Property Law Offices
502 Washington Avenue, Suite 220
Towson, Maryland 21204.

If there are any additional fees required, please charge our Deposit Account No. 02-2839.

Thank you for your cooperation and assistance.

Respectfully submitted,



Robert M. Gamson

RMG/chb
Enclosures
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